

What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. An integrated Internet and telephony video system comprising:

a personal computer having a modem for transferring information signals between the Internet and said personal computer, and a video/telephone interface card for receiving Internet and telephony information signals, the video/telephone interface card outputting a video window containing the Internet and telephony information signals;

an enhanced set top box, receiving a plurality of video source signals from a broadcast video source and the video window output from the video/telephone interface card of said personal computer, said enhanced set top box generating television (TV) images based on selected ones of the plurality of video source signals and the video window output from the video/telephone interface card;

a television (TV) set displaying TV images generated by said enhanced set top box for display on a TV screen of said TV set, wherein said video window appears on the TV screen as a pop-up window displayed on the TV screen together with the TV images based on the selected ones of the plurality of video source signals; and

a remote control device outputting at least one of a plurality of remote control command signals, the plurality of remote control command signals used to interactively control operation of said enhanced set top box and said personal computer based on the TV images displayed on the TV screen, wherein said enhanced set top box passes to the video/telephone interface card remote control commands output from the remote control that are designated for control of said personal computer.

2. The integrated Internet and telephony video system of claim 1 wherein said remote control device uses specific buttons dedicated to control operation of said personal computer.

3. The integrated Internet and telephony video system of claim 1 wherein said remote control device uses particular button sequences dedicated to control operation of said personal computer.

4. The integrated Internet and telephony video system of claim 1 wherein the video/telephone interface card contains a telephone line interface circuit used to process telephone information signals and relay the information signals to said enhanced set top box.

5. The integrated Internet and telephony video system of claim 4 wherein the telephone information signals relayed by the telephone line interface circuit includes caller identification information which is included in a pop-up window displayed on the TV screen.

6. The integrated Internet and telephony video system of claim 1 wherein the modem in said personal computer is an asymmetrical digital subscriber line (ADSL) modem used to transfer information signals between the Internet and said personal computer.

7. The integrated Internet and telephony video system of claim 1 wherein the broadcast video source is cable television (CATV), and wherein the CATV broadcast video source also provides connectivity to the Internet.

8. The integrated Internet and telephony video system of claim 1 wherein said personal computer and said enhanced set top box are

connected via coaxial cable and utilize a frequency division multiplex (FDM) protocol to effect communications .

9. The integrated Internet and telephony video system of claim 1, further comprising:

a telephone switch for receiving incoming telephone signals and relaying the received telephone signals among local telephone extensions and said personal computer; and

a telephony application programming interface (TAPI), coupled between said telephone switch and the video/telephone interface card of said personal computer, said TAPI operative to allow said personal computer to monitor and control switching operations of the incoming telephone signals.

10. The integrated Internet and telephony video system of claim 1, wherein said remote control device is connected to said enhanced set top box with a copper wire guided transmission media.